

Developing a Solid Waste Management Strategy for Saskatchewan

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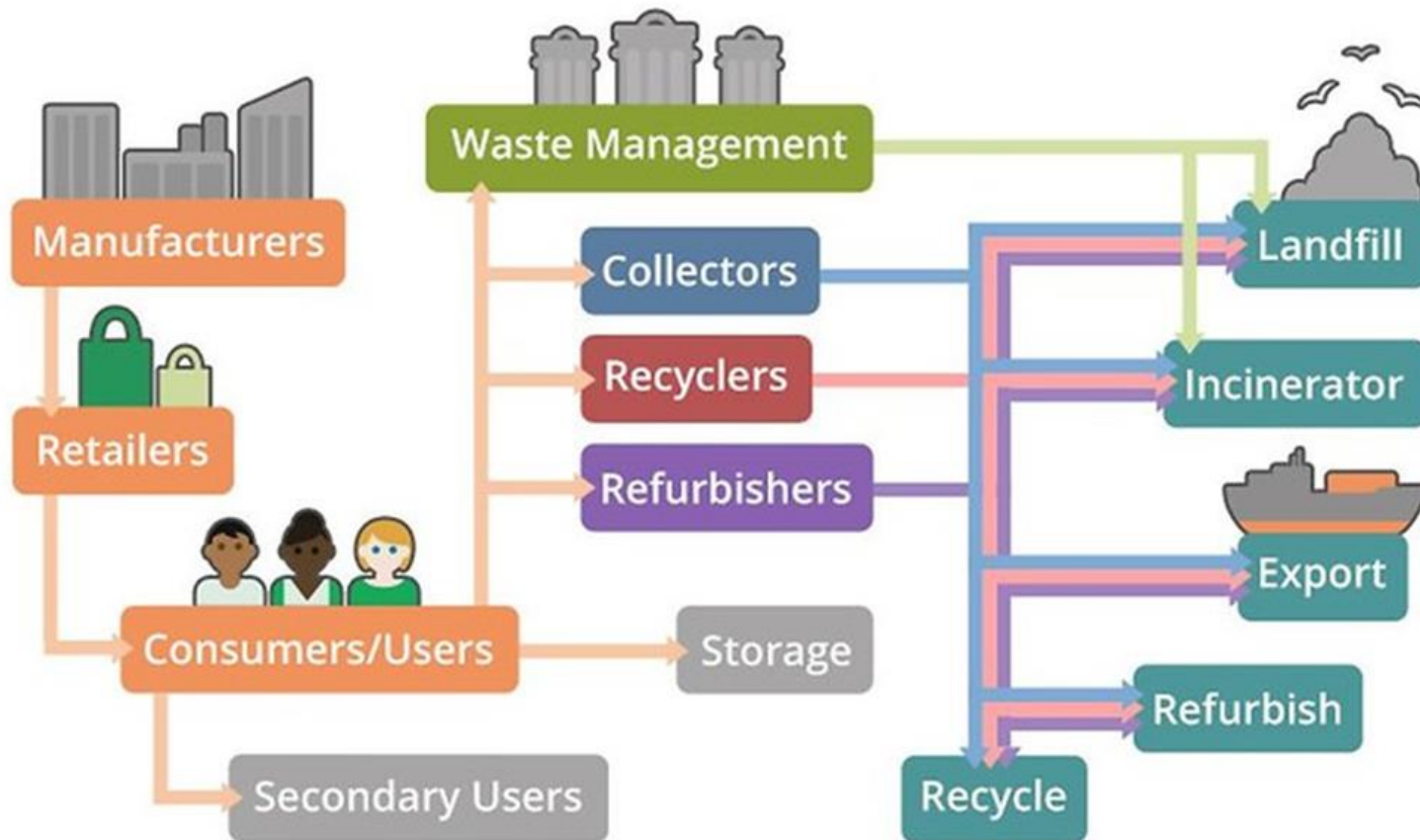
Saskatchewan Ministry of Environment

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Why Is a Strategy Necessary ?

- Provides a holistic approach to solid waste management
- Addresses challenges of population growth
- Capitalize on opportunities for growth
- Consistency across the province
- Encourage innovation and collaborative partnerships

Who will the Strategy Impact?



What has been done so far?

Stakeholder Engagement:

- Engagement on Discussion Paper – Spring 2017

Major Themes:

- ✓ Regionalization of landfills
- ✓ Regulations and enforcement
- ✓ Waste diversion and reduction
(*e.g. Access, recycling programs*)
- ✓ Education and awareness
- ✓ Innovation and Economic Development
- ✓ Funding
- ✓ Government Leadership



What is the intent of the Strategy?

Vision:

“working together to provide innovative and sustainable solutions for waste reduction and management for the future.”

Guiding principles:

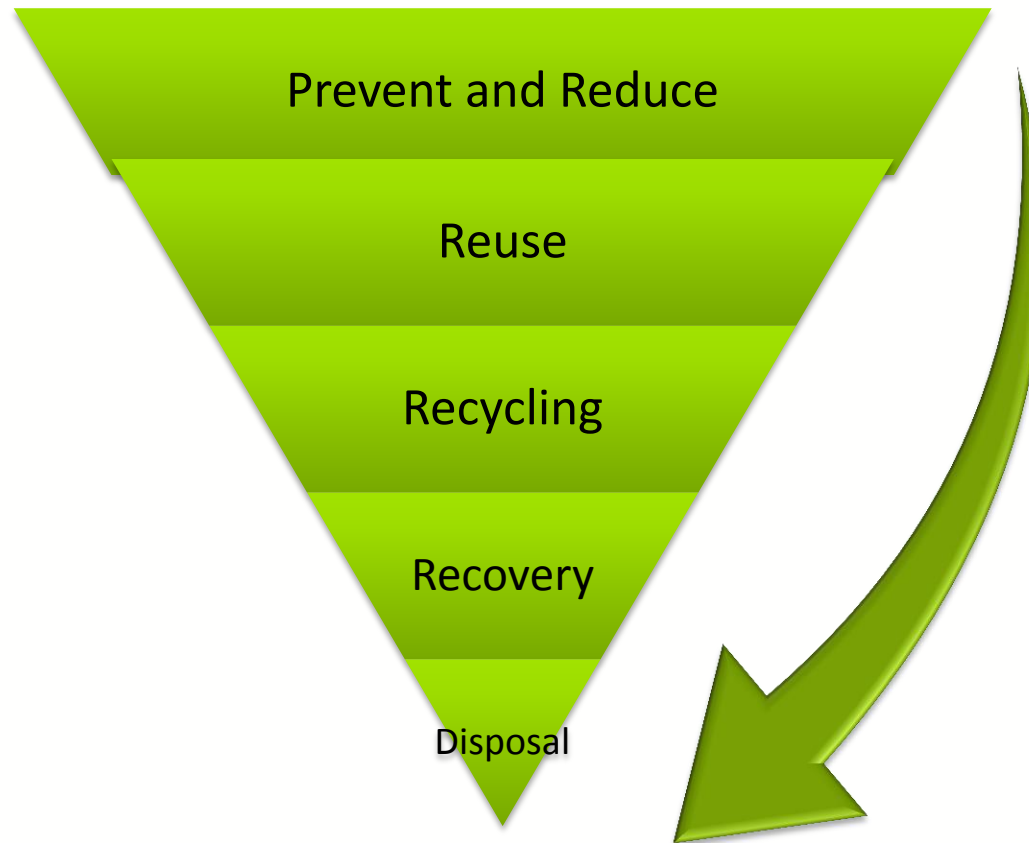
1. Education and Communication
2. Innovation
3. Sustainability
4. Public Safety and Environmental Protection
5. Economic Opportunities
6. Shared Responsibility

What will the Strategy Accomplish?

Strategy Desired Outcomes:

- ✓ Regional waste solutions and opportunities
- ✓ Predictable, efficient and effective rules and regulations
- ✓ Innovative and sustainable solutions
- ✓ Education and awareness
- ✓ Government leadership

Waste Management Hierarchy



What's Next?

Engagement on Draft Strategy – Spring 2018

- In-person, webinar and written submissions

Finalization of the Strategy – 2018/19

Identification of Actions/Initiatives - 2018/19

Update on Household Hazardous Waste & Municipal Landfills

Household Hazardous Waste (HHW)

Ministry of Environment Plan 2017/18:

- Expand recycling programs, regulations and policies; and
- New recycling streams brought into regulation

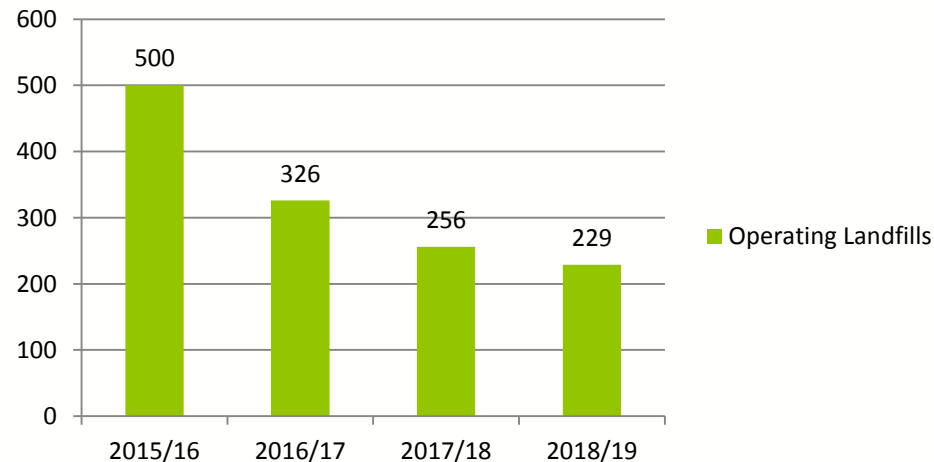
HHW Consultation 2017:

- Summary of proposed regulations
- Online engagement: Survey ended December 15, 2017
- Developing What We Heard

Municipal Landfill Operations

- The ministry's objective is that all landfills are designed to applicable standards and operated in compliance.
- Regionalization is more sustainable than small landfills.
- Regionalization realizes the economies of scale for BOTH disposal AND diversion.
- Many landfills are closing and using transfer stations to manage their solid waste.

Operating Landfills by Fiscal Year



Environmental Site Assessments

- Environmental Site Assessments (ESA) are required to assess the environmental impacts of a landfill.
- Timelines to complete an ESA are site specific based on compliance and risk. Typically sites are given 2-5 years but high risk could be 1 year.
- The ministry works with sites to allow for funds to be in place to complete work.
- The ESA informs the Corrective Action Plan (CAP), the work and timelines for CAPs are site specific based on any impacts or potential for impact.
- Many sites are being proactive and completing these steps successfully. The ministry is currently receiving several completed ESAs a week.
- Client Service Centre - 1-800-567-4224

Burning Waste

- Not only about Carbon emissions
 - Dioxins and Furans
 - Polycyclicaromatic hydrocarbon
 - Particulate Matter

**health effects respiratory,
cancer **
- Potentially hazardous ash
- Energy from Waste is potentially the future but not economically sustainable in Sask with current technology, relatively low overall amount of waste, and amount of available/suitable land.



Turn In Poachers and Polluters (TIP)

1-800-667-7561 or www.saskatchewan.ca/tip

saskatchewan.ca